

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A pulverulent composition ~~for processing in a process for the layer by layer build up of three dimensional objects by selectively bonding portions of the powder to one another, wherein~~ the pulverulent composition is a powder comprising:
the powder comprises
at least one polymer; and
at least one flame retardant ~~comprising~~ that comprises ammonium polyphosphate, and
wherein the powder has a maximum particle size of $\leq 150 \mu\text{m}$.

Claim 2 (Currently Amended): The ~~powder~~ pulverulent composition as claimed in claim 1, wherein the polymer ~~was~~ is prepared by at least one of milling, precipitation, ~~and/or~~ anionic polymerization, or by a combination of these, or by subsequent fractionation.

Claim 3 (Currently Amended): The ~~powder~~ pulverulent composition as claimed in claim 1 ~~or 2~~, wherein the polymer is at least one of a homo- ~~homopolymer~~ or a copolymer selected from polyester, polyvinyl chloride, polyacetal, polypropylene, polyethylene, polystyrene, polycarbonate, poly-(N-methylmethacrylimides) (PMMI), polymethyl methacrylate (PMMA), ionomer, polyamide, copolyester, copolyamides, terpolymers, and acrylonitrile-butadiene-styrene copolymers (ABS), or is a mixture of these.

Claim 4 (Currently Amended): The ~~powder~~ pulverulent composition as claimed in ~~at least one of claims 1 to 3~~ claim 1, ~~which comprises a~~ wherein the polymer is nylon-6,12, nylon-11, ~~or~~ nylon-12, ~~or copolyamides based on the aforementioned polyamides a~~ copolymer of these polyamides.

Claim 5 (Currently Amended): The ~~powder~~pulverulent composition as claimed in ~~at least one of claims 1 to 4~~ claim 1, wherein the polymer has a melting point of from 50 to 350°C.

Claim 6 (Currently Amended): The ~~powder~~pulverulent composition as claimed in claim 5, wherein the polymer has a melting point of from 70 to 200°C.

Claim 7 (Currently Amended): The ~~powder~~pulverulent composition as claimed in ~~at least one of claims 1 to 6~~ claim 1, ~~which~~wherein the powder has a median particle size of from 20 to 100 µm.

Claim 8 (Currently Amended): The ~~powder~~pulverulent composition as claimed in ~~at least one of claims 1 to 7~~ claim 1, ~~which also comprises~~ further comprising at least one auxiliary, ~~and/or at least one~~ filler, ~~and/or at least one~~ or pigment.

Claim 9 (Currently Amended): The ~~powder~~pulverulent composition as claimed in claim 8, which comprises a flow aid as an auxiliary.

Claim 10 (Currently Amended): The ~~powder~~pulverulent composition as claimed in ~~any of claims 1 to 9~~ claim 1, wherein the ammonium polyphosphate contains from 10 to 35% by weight of phosphorus.

Claim 11 (Currently Amended): The ~~powder~~pulverulent composition as claimed in ~~any of claims 1 to 10~~ claim 1, wherein the flame retardant component comprises ~~synergists~~ a synergist alongside with the ammonium polyphosphate.

Claim 12 (Currently Amended): The ~~powder~~pulverulent composition as claimed in ~~any of claims 1 to 11~~ claim 1, which comprises ~~wherein~~ the flame retardant component ~~is~~ in a pulverulent form with a median particle size of from 1 to 50 μm .

Claim 13 (Currently Amended): The ~~powder~~pulverulent composition as claimed in ~~any of claims 1 to 12~~ claim 1, wherein the flame retardant component is in a pulverulent and a coated form.

Claim 14 (Currently Amended): The ~~sinter powder~~pulverulent composition as claimed in ~~any of claims 1 to 13~~ claim 1, which, ~~based on the entirety of polyamides present in the powder, comprises~~ further comprising a metal soap from 0.01 to 30% by weight of metal soap based on the total amount of polyamides present in the powder.

Claim 15 (Currently Amended): The ~~sinter powder~~pulverulent composition as claimed in claim 14, ~~which, based on the entirety of polyamides present in the powder, comprises~~ wherein the metal soap is present in an amount of from 0.5 to 15% by weight of metal soap based on the total amount of polyamides present in the powder.

Claim 16 (Currently Amended): The ~~sinter powder~~pulverulent composition as claimed in ~~any of claims 1 to 14~~ claim 1, which ~~comprises~~ further comprising fine metal soap particles mixed with polyamide particles.

Claim 17 (Currently Amended): The ~~sinter powder~~ pulverulent composition as claimed in ~~any of claims 1 to 14~~ claim 1, which ~~comprises~~ further comprising metal soaps incorporated within polyamide particles.

Claim 18 (Currently Amended): The ~~sinter powder~~ pulverulent composition as claimed in ~~at least one of claims 1 to 17~~ claim 17, wherein the metal soaps are ~~the~~ alkali metal or alkaline earth metal salts of ~~the underlying~~ alkanemonocarboxylic acids or dimer acids.

Claim 19 (Currently Amended): The ~~sinter powder~~ pulverulent composition as claimed in ~~at least one of claims 1 to 18~~ claim 17, wherein the metal soaps are ~~the~~ sodium or calcium salts of ~~the underlying~~ alkanimonocarboxylic acids or dimers acids.

Claim 20 (Currently Amended): A process for preparing ~~powder~~ the pulverulent composition as claimed in ~~at least one of claims 1 to 19,~~ claim 1, the process comprising:
~~which comprises~~
mixing the at least one polymer with a flame retardant comprising ammonium polyphosphate.

Claim 21 (Currently Amended): The process as claimed in ~~claim 14~~ claim 20, wherein the polymer powder is obtained by reprecipitation or milling, and is mixed in a dry blend process with the flame retardant comprising ammonium polyphosphate.

Claim 22 (Currently Amended): The process as claimed in ~~claim 14~~ claim 20, wherein the flame retardant comprising ammonium polyphosphate is compounded into a melt of polymer, and the resultant mixture is processed by milling to ~~give~~ produce a powder.

Claim 23 (Currently Amended): ~~The use of powders as claimed in at least one of claims 1 to 13~~ A method for producing moldings by a layer-by-layer process which selectively bonds the powder, the method comprising:

adding the pulverulent composition of claim 1 to a molding mixture.

Claim 24 (Currently Amended): ~~The use as claimed in claim 17~~ The method of claim 23, wherein the moldings are produced by selective laser sintering, selective inhibition of the bonding of powders, 3D printing, or a microwave process.

Claim 25 (Currently Amended): A molding, produced by a process for the layer-by-layer build-up of three-dimensional objects by selectively bonding portions of a powder to one another, the molding comprising:

~~which comprises~~

at least one flame retardant ~~comprising that comprises~~ comprises ammonium polyphosphate and ~~comprises~~ at least one polymer.

Claim 26 (Currently Amended): The molding as claimed in ~~claim 19~~ claim 25, comprising:
~~which comprises~~ a polyamide which contains at least 8 carbon atoms per carboxamide group.

Claim 27 (Currently Amended): The molding as claimed in ~~claim 19 or 20~~ claim 25, ~~which comprises wherein the polymer is nylon-6,12, nylon-11, and/or nylon-12, or copolyamides based on a copolymer of these polyamides.~~

Claim 28 (Currently Amended): The molding as claimed in ~~any of claims 19 to 21~~ claim 25, ~~which, based on the entirety of the components present, comprises wherein the flame retardant is present in an amount of from 5 to 50% by weight, based on the total amount of components present, of flame retardant comprising and wherein the flame retardant comprises ammonium polyphosphate.~~

Claim 29 (Currently Amended): The molding as claimed in ~~claim 22~~ claim 25, ~~which, based on the entirety of the polymers present, comprises wherein the flame retardant is present in an amount of from 30 to 35% by weight, based on the total amount of the polymers present, of flame retardant comprising and wherein the flame retardant comprises ammonium polyphosphate.~~

Claim 30 (Currently Amended): The molding as claimed in ~~at least one of claims 19 to 23~~ claim 25, ~~which comprises further comprising fillers and/or pigments.~~

Claim 31 (Currently Amended): The molding as claimed in ~~any of the preceding claims~~ claim 25, ~~which, based on the entirety of the polyamides present in the powder, comprises further comprising a metal soap in an amount of from 0.01 to 30% by weight of metal soap, based on the total amount of the polyamides present in the powder.~~

Claim 32 (Currently Amended): The molding as claimed in ~~any of the preceding~~
~~claims claim 25, which, based on the entirety of the polyamides present in the powder,~~
~~comprises further comprising a metal soap in an amount of from 0.5 to 15% by weight of~~
~~metal soap, based on the total amount of the polyamides present in the powder.~~

Claim 33 (Currently Amended): The molding as claimed in ~~any of the preceding~~
~~claims claim 25, which comprises further comprising~~ fine metal soap particles mixed with
polyamide particles.

Claim 34 (Currently Amended): The molding as claimed in ~~any of the preceding~~
~~claims claim 25,~~ wherein the powder comprises metal soaps incorporated within polyamide
particles.

Claim 35 (Currently Amended): The molding as claimed in ~~any of the preceding~~
~~claims claim 34,~~ wherein the metal soaps are ~~the~~ alkali metal or alkaline earth metal salts of
~~the underlying~~ alkanemonocarboxylic acids or dimer acids.

Claim 36 (Currently Amended): The molding as claimed in ~~any of the preceding~~
~~claims claim 34,~~ wherein the metal soaps are ~~the~~ sodium or calcium salts of ~~the underlying~~
alkanemonocarboxylic acids or dimer acids.